

CLEARING AND SNAGGING

Design Survey

The following information shall be obtained and recorded in the field notes:

- a. Cross sections and profile of channel, if needed to determine capacity and to verify existing conditions.
- b. Area to be treated.
- c. Location, size, number and type of trees involved. (May be a general description if material is undefinable.)

Design Data

The following will be considered minimum in the design of clearing and snagging projects. The information will be recorded in the design notes or in the field notes:

- a. Channel capacity before and after improvement.
- b. Extent of clearing and snagging.
- c. Disposition of material removed.
- d. Records indicating NRCS obligations regarding State and Federal regulations including NEPA requirements have been met, if they apply.
- e. Channel stability analysis (if required).
- f. Quantity computations.

Drawings and Specifications

The construction drawings shall include, but will not be limited to the following:

- a. Location map.
- b. Extent of clearing
- c. Disposition location(s).

Practice specifications along with applicable "Items of Work and Construction Details" shall be provided for each item or phase of construction, as needed clarify the work.

Layout Survey Notes

The following information shall be recorded in the field notes:

- a. Indicate lateral extent of clearing and snagging required (marked with flags or stakes).

Compliance Checks

The following information shall be recorded in the field notes:

- a. Extent of clearing and snagging.
- b. Disposition of materials.
- c. Conformance with plans and specifications and statement of compliance.

As-Built Plans

As-built plans shall reflect all significant changes in measurements and quantities. If there were no changes, the original drawings shall be marked "As-Built". When the work is within job approval class I¹, plans may not be required. As-built plans shall be prepared when bank restoration is required.

¹ See Wyoming chart for engineering job approval authority in the National Engineering Manual (WY 501.04 (a) (2)).